

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



U.S. Patent Application

Applicant: Sato et al.

Serial No.: 09/581,468

Confirmation No.: 9963

Filed: June 12, 2000

For: MAGNETIC SENSOR, MAGNETIC
HEAD, MAGNETIC ENCODER AND
HARD DISK DEVICE

Art Unit: 2653

Examiner: Blouin, Mark S.

)
) I hereby certify that this paper is being deposited with the
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November 2, 2005

Date

F-CLASS: IFCM

Appr. February 20, 1998

Registration No. 47,954

Attorney for Applicant

INFORMATION DISCLOSURE STATEMENT

Mail Stop PETITION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

This IDS is submitted under 37 C.F.R. §1.97(b) within either of the following time periods, whichever occurs last:

- (a) within three months of either the filing date of the national application or the date of entry into the national stage;
- (b) before the mailing date of first office action on the merits (i.e., not including actions such as restriction requirements); or
- (c) before the mailing of a first Office Action after the filing of a Request for Continued Examination.

Applicant(s) submit herewith Form PTO-1449 (Information Disclosure Citation) together with copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 C.F.R. §1.56. A copy of the official Communication from the German Patent Office is also enclosed. Applicant(s) respectfully submit that the citation of any reference on Form PTO-1449 does not constitute an admission that the reference qualifies as prior art.

It is requested that the information disclosed on the enclosed Form PTO-1449 be made of record in this application.

The Commissioner is hereby authorized to charge any additional fees which may be required to this application under 37 C.F.R. §§1.16-1.17, or to credit any overpayment, to Deposit Account No. 07-2069. A duplicate copy of this sheet is enclosed.

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November 2, 2005

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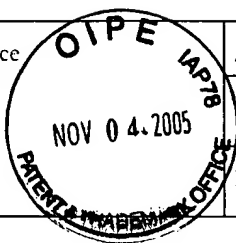
Respectfully submitted,

GREER, BURNS & CRAIN, LTD.

By:

Josh C. Snider, Reg. 47,954

Form PTO-1449 U.S. Department of Commerce
(Rev. 8-88) Patent and Trademark Office



Attorney Docket No.: 1111.64360

Serial No.: 09/581,468

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Applicant: Sato et al.

Filing Date: June 12, 2000

Group: 2653

U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	5,325,056	June 28, 1994	Shonowaki et al.			

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	EP 0 831 541 A2	March 25, 1998	WIPO			X	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner _____ Date Considered _____

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.